

3. several amorphous strips coated on both their sides or on just one side are superposed;

5. the components are cut from the laminate thus formed; and

Depending on the type of polymer/silicate/aluminate/flux mixture used, a temperature greater than 500°C may be suitable.

To form the mixture for coating the amorphous strip, this mixture being in the pasty state, it is possible to use the following substances:

25 - solvents, for example a mixture of aliphatic or aromatic hydrocarbons which are intended to dissolve the resin and must be easily removed by treatment at low temperature, for example at 100°C;

- an organic filler, for example consisting of organometallic substances or surfactants, this being intended to improve the dispersion, the wetting and the corrosion resistance of the covering layer.

. metal filler: 40 to 70 parts by volume;

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implementation that have been described above.

Thus, it is possible to cover the thin brittle

metal strip with a coating layer containing a polymer material in a manner different from those which have been described above.

Nor is the invention limited to the nature and
5 to the composition of the layers produced on the thin
metal strips during the first phase of the process
according to the invention.

Nor is the invention limited to the case in which the strips are cut in a second step of the process, rather it applies to all cases in which thin brittle metal strips are handled or machined when this handling or machining subjects the brittle strips to stresses.

The invention can be applied in fields other
15 than the manufacture of magnetic components.